

CITY OF FAIRFAX FIRE DEPARTMENT



2020 ANNUAL REPORT





City of Fairfax
Fire Department
Taking Pride in Excellence

John O'Neal
Fire Chief



March 24, 2021

Dear Mayor, City Councilmembers, City Manager, and Citizens,

On behalf of the dedicated, trained, and service-oriented career and volunteer members of the City of Fairfax Fire Department, it is a pleasure to present our 2020 Annual Report that summarizes many of our services and activities that we provided to our community.

While we enjoyed many successes in 2020, the year proved to be a challenging time for our residents, businesses, and our personnel due to the global pandemic. The department and city took great strides in protecting the health and safety of our constituents and employees while assisting in maintaining the continuity of government and essential services city-wide.

Thanks to the hard work and dedication of our members, I would like to highlight a few of our successes:

- Achieved accredited agency status from the Commission on Fire Accreditation, Inc. on March 3. Joining the distinguished company of 87 departments across the United States at that time with both an Insurance Services Office Class 1 Fire Protection Rating and accredited agency status.
- Achieved the American Heart Association Mission Lifeline Gold Plus recognition for providing outstanding emergency cardiac care on August 4.
- Placed the new replacement rescue engine into service with a new compliment of state-of-the-art extrication tools on November 14.
- We all enjoyed watching the construction progress on Fire Station 33 through-out the year.

I remain truly impressed with the career and volunteer members of our department providing excellent emergency and non-emergency services to our community. While we cannot list every positive contribution from 2020, this report shares many of the successes, statistics, and accomplishments for your review. Our goals for 2021 are to continue to strive for providing exceptional service, safety, training, and pursuit for continuous improvement in everything we do.

In closing, I would like to thank our career and volunteer personnel, our city leadership team, our Mayor and City Council, and our citizens for their continued support of our department.

Respectfully submitted,

Fire Chief



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Mission and Core Values¹

Mission Statement

To save lives, preserve property and the environment, and ensure the health and safety of ourselves and the community.

Core Values

- Professionalism
- Respect
- Integrity
- Diversity
- Excellence

P.R.I.D.E... in action



General Information

The department provides emergency services to the city and surrounding areas of the region with a robust automatic aid system from two strategically located fire stations. We provide fire suppression services, emergency medical services, technical rescue response, building and fire code enforcement, disaster preparedness, and other hazard mitigation services. The department maintains a full-time equivalent (FTE) count of 83 personnel. The department staffs two specialize engine companies, one tower ladder, two advanced life support transport units, and one battalion chief daily. The department is divided into three major cost centers to include fire administration, operations, and code administration.

¹ Applicable to CFAI Category 3 Goals and Objectives



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Fire Administration²

The fire administration division is responsible for and coordinates budgeting, strategic planning, performance measurement, operational policy development, EMS protocol development, human resources, training, disaster preparedness, employee health, safety, and wellness. The division is staffed with 1-fire chief/emergency management coordinator (EMC), 1-assistant chief/operations, 1-EMS program captain, 1-training captain, 1-lieutenant/deputy EMC, and 1-management and EMS billing analyst.

Cost Center Allocation	FY-20 Adopted Budget	FY-21 Adopted Budget
Administration	\$1,883,429	\$1,731,598
Operations	\$11,403,070	\$11,247,224
Code Administration	\$1,934,843	\$1,883,290
Total	\$15,221,342	\$14,862,112 (-2.36%)

The department remains proud of maintaining our prestigious Insurance Services Office (ISO) Class 1 Public Fire Protection Rating.

Administration Accomplishments

- In November 2019, the department was evaluated by a peer review team from the Commission on Fire Accreditation International (CFAI) for agency accreditation. The department received accredited agency status at the March 2020 commission hearings. At that time, we joined 87 other fire departments from across the United States to hold both accredited agency status and the Insurance Service Office (ISO) Class 1 Rating.
- On May 14, 2020, the department received the prestigious American Heart Association Mission: Lifeline Gold Plus recognition. The recognition showcases EMS agencies providing excellent pre-hospital cardiac care.
- On September 29, 2020, the city earned the Weather-Ready Nation Ambassador designation, the third jurisdiction in the NOVA region to earn this designation.
- Reviewed, updated, and published numerous operational policies and procedures.
- Implemented MySidewalk analytical performance dashboard.
- Memorandum of understanding executed with George Mason University (GMU) Police Department for joint participation for their unmanned aerial systems (UAS) unit.
- Researched and developed a new cardiac monitor replacement plan resulting in fiscal savings.
- Negotiated a new oxygen contract resulting in fiscal savings.

This report will contain other information and data for many of the program areas listed under administration in later sections to parallel accreditation categories/criteria.

² Applicable to CFAI Category 1 Governance, Category 4 Finance, and Category 9C Administrative Support and Office Systems



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Operations³

The department staffs the operations division with 63 personnel, operating on a three-platoon system with 21 personnel assigned on each shift. With scheduled and unscheduled leave, each shift operates with a minimum of 17 personnel. The department is supplemented with certified firefighters from our partner, the Fairfax Volunteer Fire Department, Inc.

Fire Station 3 – 4081 University Drive	
Battalion Chief 443 (BC443)	Command Officer
Foam Engine 403 (FE403)	Specialty engine capable of delivering large quantities of foam
Tower Ladder 403 (TL403)	105 - foot aerial platform ladder
Medic 403 (M403)	Advanced life support transport ambulance

Fire Station 33 – 9650 Colonial Ave (Temporary Station)	
Rescue Engine 433 (RE433)	Specialty engine capable of performing technical rescue services
Medic 433 (M433)	Advanced life support transport ambulance

The department maintains numerous non-staffed units for specialty rescue and foam firefighting along with mechanical reserve apparatus.

Response Data

The department participates in the National Fire Incident Reporting System (NFIRS) to track and analyze response trends in the community, risk probability, fire loss, system reliability, and service outputs. The following charts depict our service in the community by historical incident types, station call volume, and unit workload.

2018-2020 All Call Type Analysis

NFIRS Incident Type	2020	2019	2018
Fire	171	207	205
Overpressure, Explosion, Overheat (No fire)	7	14	4
Rescue & Emergency Medical Services	3,159	4,447	4,541
Hazardous Condition (No fire)	163	219	218
Service Call	236	236	265
Good Intent Call	1,069	1,365	1,284
False Alarm & False Call	406	475	526
Severe Weather & Natural Disaster	3	5	8
Special Incident Type	2	8	3
No Incident Type Recorded	14	0	0
Totals	5,230	6,976	7,054

³ Applicable to CFAI Category 2 Assessment and Planning, Category 5E Fire Suppression, 5G Technical Rescue, & 5H Hazardous Materials, and Category 8 Training



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Incidents by Day of Week

Day of Week	Number of Incidents
Sunday	641
Monday	729
Tuesday	802
Wednesday	781
Thursday	760
Friday	805
Saturday	712
Total	5,230

Incidents by Time of Day

Hour of Day	Number of Incidents
00:00:00 – 00:59:59	104
01:00:00 – 01:59:59	86
02:00:00 – 02:59:59	82
03:00:00 – 03:59:59	73
04:00:00 – 04:59:59	63
05:00:00 – 05:59:59	69
06:00:00 – 06:59:59	120
07:00:00 – 07:59:59	133
08:00:00 – 08:59:59	200
09:00:00 – 09:59:59	263
10:00:00 – 10:59:59	333
11:00:00 – 11:59:59	317
12:00:00 – 12:59:59	337
13:00:00 – 13:59:59	364
14:00:00 – 14:59:59	350
15:00:00 – 15:59:59	357
16:00:00 – 16:59:59	351
17:00:00 – 17:59:59	303
18:00:00 – 18:59:59	303
19:00:00 – 19:59:59	251
20:00:00 – 20:59:59	241
21:00:00 – 21:59:59	223
22:00:00 – 22:59:59	190
23:00:00 – 23:59:59	117
Total	5,230



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2018-2020 Total Unit Response Analysis

Unit	2020	2019	2018
Foam Engine 403	2,128	2,448	2,308
Rescue Engine 433	1,396	2,056	2,205
Medic 403	1,675	1,974	2,038
Medic 433	1,178	1,869	1,834
Tower Ladder 403	1,206	1,626	1,450
Battalion Chief 443	601	764	768
Total	8,184	10,737	10,603

2018-2020 Average Unit Response per Day

Unit	2020	2019	2018
Foam Engine 403	5.8	6.7	6.3
Rescue Engine 433	3.8	5.6	6.0
Medic 403	4.5	5.4	5.6
Medic 433	3.2	5.1	5.0
Tower Ladder 403	3.3	4.5	4.0
Battalion Chief 443	1.6	2.1	2.1

Overview of Significant City Building Fires

Date	Incident-Type	Address	Value	Loss
1/29/2020	Residential Bldg. Fire	3900 Blk. Oak Street	\$266,300	\$25,000
5/31/2020	Commercial Bldg. Fire	3242 Blk. Old Pickett Road	\$2,563,000	\$105,000
6/5/2020	Commercial Bldg. Fire	10515 Main Street	\$150,900	\$52,500
6/28/2020	Commercial Bldg. Fire	9667 Main Street	\$617,000	\$114,500
11/19/2020	Residential Bldg. Fire	10800 Blk. Orchard Street	\$244,900	\$70,000
	Totals		\$3,842,100	\$367,000

Total City Fire Property Value and Loss

Number of Incidents	Property Value	Property Loss
15	\$15,342,550	\$391,650

90 Percentile First Unit Total Response Time to City Building Fires

Incident Count	Alarm Processing	Turnout	1 st Unit Travel	1st Unit Total
8	02:04	01:21	04:41	07:27



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Fire Suppression Incident Types

NFIRS Code & Description	Number of incidents
100-Fire, other	3
111-Building fire	80
112-Fires in structures other than in a building	3
113-Cooking fire, confined to container	35
114-Chimney or flue fire, confined to chimney or flue	4
118-Trash or rubbish fire, contained	8
130-Mobile property (vehicle) fire, other	2
131-Passenger vehicle fire	6
140-Natural vegetation fire, other	7
141-Forest, woods, or wildland fire	1
142-Brush or brush-and-grass mixture fire	5
150-Outside rubbish fire, other	6
151- Outside rubbish, trash or waste fire	5
154-Dumpster or other outside trash receptacle fire	2
160-Special outside fire, other	2
163-Outside gas or vapor combustion explosion	1
173-Cultivated trees or nursery stock fire	1

Operations Accomplishments

- Continued to fully implement regionally and enhance the First Due Size Up app for pre-incident planning.

Special Operations Responses Incident Types (Includes HazMat, Tech Rescue, and UAS)

NFIRS Code & Description	Number of incidents
352-Extrication of victim(s) from vehicle	8
353-Removal of victim(s) from stalled elevator	27
361-Swimming/recreational water areas rescue	1
363-Swift water rescue	7
410-Combustible/flammable gas/liquid condition	4
411-Gasoline or other flammable liquid spill	6
412-Gas leak (natural gas or LPG)	82
413-Oil or other combustible liquid spill	4
421-Chemical hazard (no spill or leak)	1
423-Refrigeration leak	2
424-Carbon monoxide incident	10

Special Operations Accomplishments

- In conjunction with GMU PD, UAS unit pilots deployed on 19 missions including search warrant missions, missing persons, barricade call-outs, and civil unrest situational awareness missions.
- Replaced hydraulic rescue tools on the rescue engine with state of the art e-DRAULIC® equipment.



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Emergency Medical Services⁴

The delivery of quality emergency medical and other rescue services accounts for approximately 60 percent of the department's overall emergency call volume. The information included within this section is a summary of our emergency medical services response, training, and community risk reduction activities.

EMS Incident Types

NFIRS Code & Description	Number of incidents
300-Rescue, EMS incident, other	9
311-Medical assist, assist EMS crew	33
320-Emergency medical service, other	54
321-EMS call, excluding vehicle accident with injury	2,743
322-Motor vehicle accident with injuries	174
323-Motor vehicle/pedestrian accident	17
324-Motor accident with no injuries	77

EMS Call Disposition Type

Incident Disposition	Incidents/Patient Contacts	Percent of Total Runs
Treated & Transported	1892	51.94%
EMS Assist (Other Agency)	430	11.80%
Patient Refusal (AMA)	343	9.42%
Canceled (Prior to Arrival)	300	8.23%
Treated, Transferred Care	135	3.71%
No Treatment/Transport Required	177	4.86%
Canceled (On Scene, No Patient Contact)	170	4.67%
No Patient Found	75	2.06%
Standby (No Services Performed)	75	2.06%
Patient Deceased at Scene (No EMS CPR)	24	0.66%
Standby (Operational Support Provided)	20	0.54%
Patient Deceased at Scene (EMS CPR Attempted)	2	0.05%
Total Incidents/Patient Contacts:	3643	

Average EMS Incidents Per Day: 10 (-3.5 per day from 2019)

Average Transports Per Day: 5 (~2 per unit per day)

90 Percentile First Unit Total Response Time to City EMS Incidents

Incident Count	Call Process	Turnout	1 st Unit Travel	1st Unit Total
1,689	02:27	01:39	05:07	08:08

⁴ Applicable to CFAI Category 5F



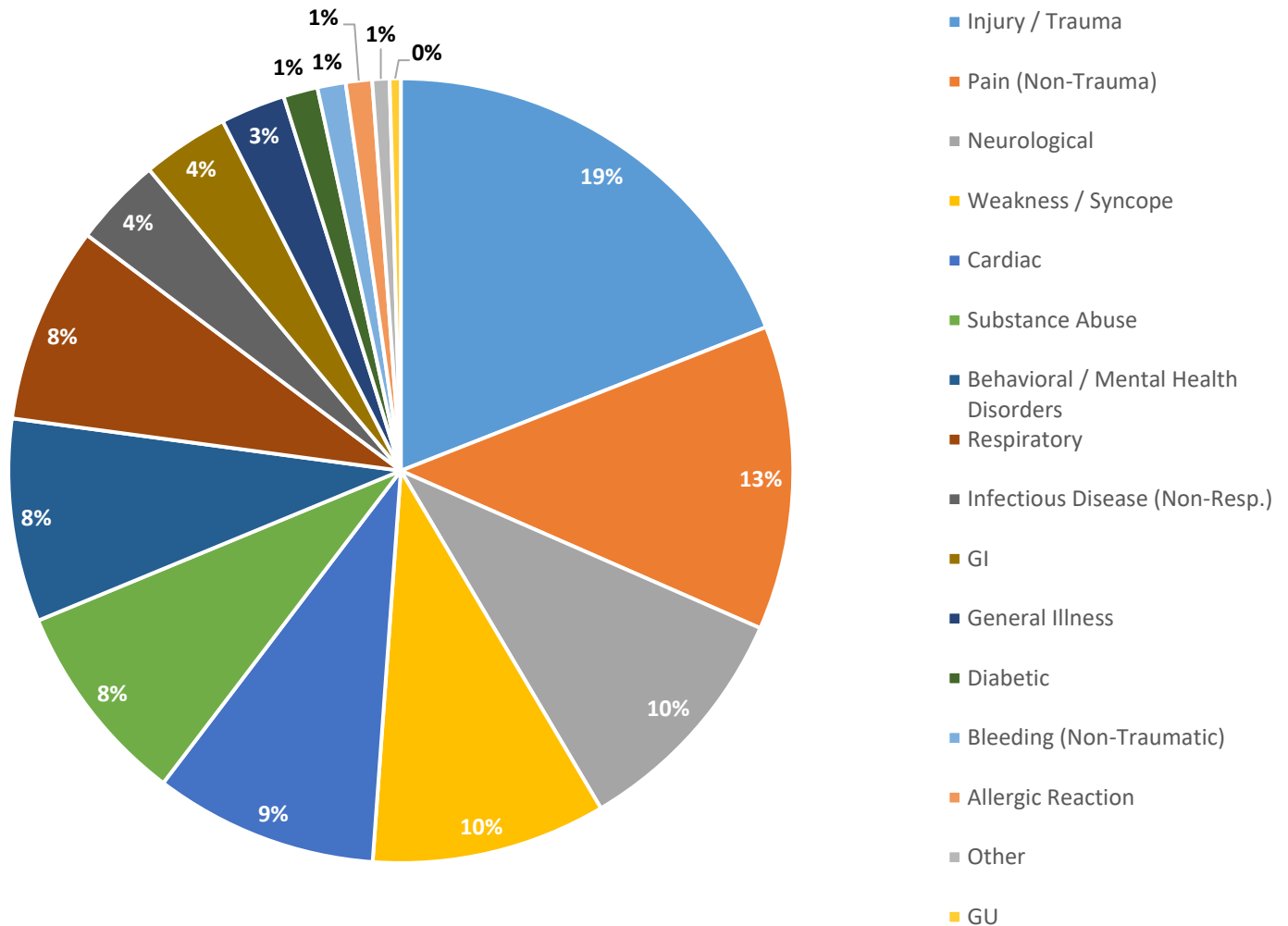
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Primary Symptoms and Cause of Injury

The chart below illustrates our department's calls for service based on the category of the patient's primary symptom. Our largest call for service is related to pain management and traumatic injuries.

EMS Response by Provider Impression

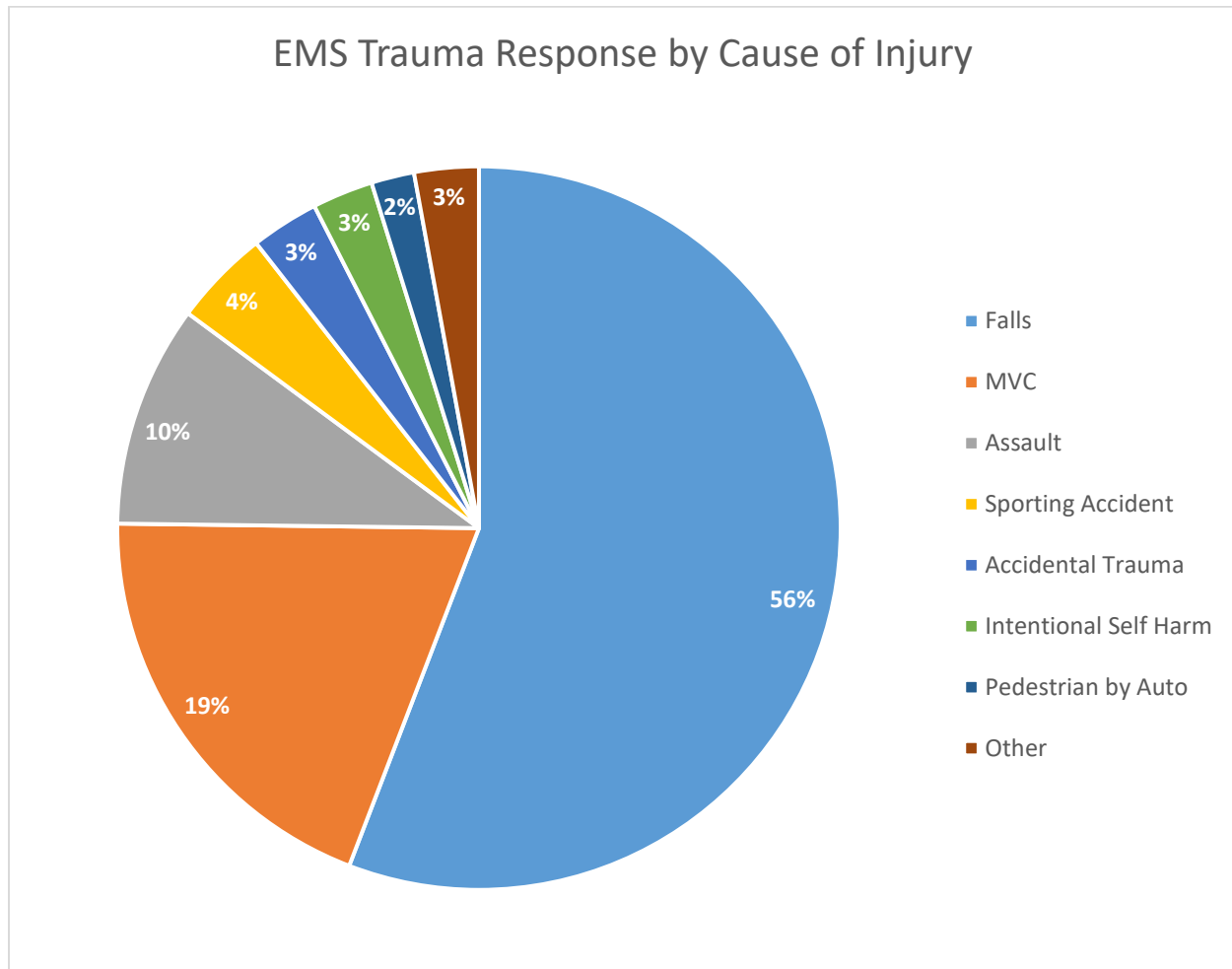




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This chart breaks down the cause of injuries reported by providers which identifies our patient population's most frequent reason to suffer traumatic injury and require pain management. Falls continue to be the largest source of pain / trauma for our community and should remain a focus area for community risk reduction efforts.



Patient Care Procedures and Outcomes

Cardiac Arrest

- Total Cardiac Arrest Incidents where CPR was provided by EMS: **25**
- Cardiac Survivability Rates
 - Cardiac Arrest incidents with a treatable rhythm: **9**
 - Return of Spontaneous Circulation with a treatable rhythm (Utstein Criteria): **55%**
 - Total Cardiac Arrest Incidents where CPR was provided by EMS and delivered to the receiving facility with a return of spontaneous circulation achieved: **9 (36%)**
- Witnessed Sudden Cardiac Arrest event: 56%
- Bystander Intervention Rates
 - CPR performed: 56%
 - AED Application by Public: 32%



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ST-Elevation Myocardial Infarction (STEMI-heart attack)

- The department was involved in nine successful prehospital STEMI alert notifications of the emergency department and cardiac catheterization lab that resulted in emergent cardiac stent placements. Thirteen of these cases had positive outcomes and resulted in our citizens returning home to continue a high quality of life.

Stroke

- The department was involved in 39 successful pre-hospital stroke alert activations of the Stroke Response Team at our regional primary stroke centers. This is consistent with last year's efforts to improve our department's stroke care response due to the high percentage of neurological emergencies that impact our community.

EMS Training

To provide the highest level of patient care the department's emergency medical providers are continuously training to remain current on their skills and knowledge.

Our members logged more than 3,900 medical training hours by performing routine shift drills, attending various regional seminars and conferences, completion of advanced life support (ALS) internships, and the delivery of a physician led continuing medical education program.

Each basic life support provider attended 8 hours of continuing education and each ALS provider attended 30 hours of continuing education. The table below displays the various topics covered by our continuing medical education program this year.

Continuing Medical Education Program

Month	Topic
January	Airway Management
February	Scenario-Based Training
March	High Performance CPR / Infection Control / HIPAA
April	Cancelled due to COVID
May	Cancelled due to COVID
June	Mass Casualty Incident / High Threat Response
October	AHA Advanced Cardiac Life Support Training
November	Traumatic Emergencies / Hemorrhage Control / Blood Administration
December	Airway Management
Total CME Hours Delivered to Workforce: ~1860 hours	

In addition to our continuing medical education program and the routine training performed on shift to maintain daily operational proficiency, the department developed the capabilities of numerous new and current employees allowing them to contribute to our emergency medical system in a higher capacity.



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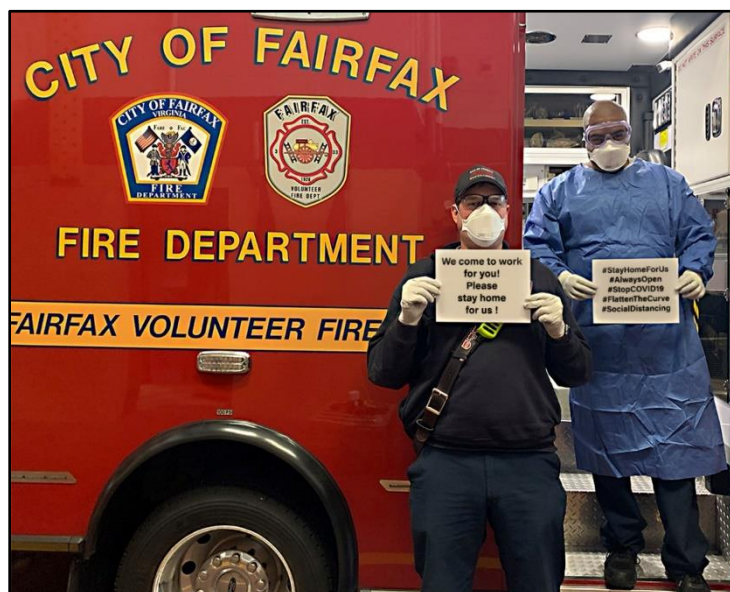


EMS Shift Training Hours - Jan. to Dec. 2020	
Shift	Hours
A	814.35
B	526.57
C	737.03
Total	2077.95

The department's commitment to continued development, improvement, and implementation of leadership training modules, such as our ALS intern school and medic move-up officer development module, are ensuring the succession of leadership within our EMS division and continuity of operations in case of employee departures.

EMS Accomplishments

- Continued efforts towards the collection of data, evidence-guided strategic planning, and improving patient outcomes through the efforts of our QA/QI committee. This data has led to identification for areas of improvement, more focused training for staff, and community risk reduction initiatives.
- Received recognition from American Heart Association Mission: Lifeline at Gold Plus level.
- Increased EMS training conducted at the shift level by 70%.
- Conducted an Advanced Life Support (ALS) internship school and guided four new ALS providers through their internships.
- Performed five Medic Move-Up Officers field internships. This allowed greater redundancy in medic supervisory staffing to decrease overtime costs, fatigue on providers, and surge staffing capacity during disasters.
- Purchased an additional 15 AEDs to provide increased accessibility in our community.



COVID-19 Facebook Public Safety Announcement; Medic 403



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Training Division⁵

Our fire training division is charged with ensuring our personnel maintain a high level of skill readiness. The annual training program is designed to provide the skills to meet or exceed applicable National Fire Protection Association (NFPA) standards, Insurance Services Office (ISO) training guidelines, and Virginia Department of Fire Programs certification standards.

ISO Operations Training Hours

Shift	Company Training	Training Facility	HazMat	Driver Training	Tech Rescue	New Driver	Officer Training	EMS Training	Admin/ City Hall	Total
A	3726.62	783.2	233.5	138.75	426	240.5	430.5	751.85	23	6753.92
B	1688.7	370	137	70.6	525	154.6	464.5	667.57	20	4097.97
C	2683.72	517.4	177.5	73.5	608	214.15	108	846.53	21	5249.8
Totals	8099.04	1670.6	548	282.85	1559	609.25	1003	2265.95	64	16101.69

Staff Training Hours - All Categories

Company Training, NFPA 1001	5905.13
Officer Training NFPA 1021	1258.1
Facilities Training	1766
HazMat	572
Driver/Operator Training, NFPA 1002	427.5
Foam Engine Driver Qualification	209.85
Rescue Engine Driver Qualification	259.5
1410 Drills	133
Firefighter Fitness, NFPA 1500	1123
AICC Course (City hall Assignments)	81
NFPA 1031 & 1033	238
Target Solutions Courses	332
O.P./R.R. Review	21.4
Walk-thru	95.25
Building Familiarization and/or Preplan	275.77
Area Familiarization, NFPA 1500	1095.6
Metro Training	54
Street Review	10.4
Tech Rescue	1645.25
NIMS	31
ALS Internship	276.95
Daily SCBA Checkout	40.8
Meetings	197.25

⁵ Applicable to CFAI Category 8 Training



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Notable Training

January

Burn Building Inspection
Swim Test
First Due Training

February

1410 SCBA Drill
Swim Test

March

NOVA Command Training
LSU Flammable Liquids Training
New hires
SRT Course (hosted)
1410 Pumping Drill

April

Annual Rope Drill
1410 Saw Competency Drill
Dräger Can Live Fire (with new hires and shift)

June

Safety Stand-Down
EST Training

July

Elmont Dr. Acquired Structure Training

August

FVFD Minimum Staffing
GMU/City Fire as a Weapon Training



Tower Training; November 2020



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Code Administration Division⁶

Our code administration division promotes life and property safety through code compliance and public education. The division is led by an assistant chief of code administration who serves as the city's building official, fire marshal, and property maintenance code official. The division is divided into three sections; fire prevention, new construction, and property maintenance. Staffed with three assistant fire marshals, the fire prevention section enforces the statewide fire prevention code, inspects fire protection systems, investigates fire origin and cause, conducts regular inspections of the bulk fuel complex, and provides public life safety education. Staffed with one plans examiner and four building inspectors, the new construction section reviews building plans, issues building permits, and conducts inspections of commercial and residential occupancies including new construction, remodeling, additions, and major repairs. Staffed with one property maintenance inspector, the property maintenance section ensures compliance with the adopted property maintenance code. The division is supported by three permit technicians and three part time employees.

Plan Review & Inspection Activities

Plan Reviews	Fuel Farm Inspections	Use Inspections	FPC Inspections	Property Maint. Inspections	Child Care Inspections	Building Code Inspections
720	336	132	904	309	33	6,448

Fire Marshal Activities

Investigation Type Breakdown	
Fire	16
Hazmat	4
Non-Fire	0
Fire (GMU)	0
Illicit Discharge	2
Burn Injury	0
Total	22

Fire Cause Breakdown	
Accidental	7
Natural	0
Incendiary	5
Undetermined	4
Total	16

⁶ Applicable to CFAI Category 5A Community Risk Reduction and 5CFire Investigation, Origin and Cause



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Case Clearance and Cause Determination				
Type	Cases	Case Closed	Cause Determined	Closure Rate
Fire	16	n/a	12	75%
Hazmat	4	4	n/a	100%
Non-Fire	0	0	n/a	
Fire (GMU)	0	n/a	0	
Illicit Discharge	2	2	n/a	100%
Burn Injury	0	0	n/a	
Totals	22	6	12	92%

Division Accomplishments

- Building inspections and fire marshals dedicated 387 hours of continuing education and certification training.
- Added one additional assistant fire marshal, one temporary plans reviewer, and one temporary fire investigator.
- Coordination and development of the Fairfax City Reconnected Outdoor Dining Program with Office of Economic Development.
- Migration of plans review and inspection processes to electronic and paperless platforms.
- Completion and release of occupancy certificate for several large development projects which were constructed over multiple years.
- Continued developing improved strategies to integrate pre-incident planning and life safety inspections.





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Community Risk Reduction⁷

Community risk reduction activities are the backbone of a safer community. The department combined efforts to coordinate the approach with operations, EMS, code administration, emergency management, and the Fairfax Volunteer Fire Department (FVFD).

Note: Most in-person activities were cancelled due to COVID-19. During CY 2020 we have begun development of more virtual and web-based activities.

Code Administration Activities

Activity	Smoke Detectors Installed	Child Seats Installed	Public Education Events	Number of Attendees
Totals	39	0	0	0

Office of Emergency Management

- Posted preparedness videos and information on multiple social media and communication platforms.
- On Facebook, reached 356,532 people, with 8,485 following our page and 7,727 likes.

Other Combined Community Outreach Events

- Hosted several station tours between January and March.
- Participated in Old Lee Hills and Mosby Woods Halloween wave parades
- Participated in several city-wide and neighborhood-specific wave parades for special events and occasions.
- Sponsored and provided our adopted family with food and gifts for Thanksgiving and Christmas.



Construction Safety Inspection; Combination Inspector John Freeman

⁷ Applicable to CFAI Category 5A Community Risk Reduction and 5B Public Education



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Office of Emergency Management⁸

Our Office of Emergency Management maintains our emergency operations and hazard mitigation plans, manages our emergency operations center (EOC), provides operational situation reports, leads recovery operations post-disaster, and provides disaster preparedness public education to our citizens and employees. The office is staffed with one deputy coordinator/lieutenant with the fire chief serving as the emergency management coordinator. The office utilizes interns when available.

EOC Activations

- Monitored and reported on numerous winter weather events, heavy rain and associated local flooding events, and tracked numerous tropical systems threatening the region.
- Protest and rallies within the city and regionally.
- Activated for 300 days in response to COVID.

Emergency Declarations

- COVID-19 preparedness, response, and continuity of operations.

Exercises

- November 13, Participated in Mass Evacuation Tabletop Exercise.
- Conducted 3 WebEOC drills.
- Conducted 2 WebEOC training classes.
- Conducted 4 emergency notification system drills.

Planning & Operational Coordination

- Updated 5 plans, checklists, and operational procedures.
- Updated all department level continuity of operations plans.
- Built out the enhancements of WebEOC and the Everbridge Notification System.

Grants Received

- \$156,516 Urban Area Security Initiative (UASI) emergency planning grant.
- \$22,000 UASI grant for volunteers and donations management training and plan development.
- \$7,500 local emergency management performance grant.

Accomplishments

- The city earned the Weather-Ready Nation Ambassador designation, the third jurisdiction in the NOVA region to earn this designation. As an ambassador, the city serves a role affecting societal change by helping build a nation that is ready, responsive, and resilient to the impacts of extreme weather and water events.

⁸ Applicable to Category 5A Community Risk Reduction and 5D Domestic Preparedness, Planning and Response

Physical Resources⁹

The physical resources section includes improvements to physical facilities, apparatus, and equipment. The section is headed by a shift assignment battalion chief with multiple subordinate program managers.

- On February 3, 2020, placed the new 2019 Braun/Ford 550 ambulance in-service.
- Completed significant renovations at Station 3 including replacing the second floor HVAC system, deep-cleaning and painting of the second floor, and paving of the parking lot.
- Completed hose, ladder, and pump testing of all apparatus.
- Assessed and updated uniform policies and procurement processes.
- On November 14, 2020, placed the new 2020 Pierce Rescue Engine with new e-DRAULIC rescue tools in-service.
- Improved our personnel protective equipment (PPE) specifications to reduce carcinogen exposures and to reduce work fatigue.
- Trained six members in advanced cleaning and inspection of PPE.
- Completed specifications for a new medic unit and battalion vehicle.
- Significant progress was completed on the construction of Station 33. Substantial completion is estimated for June 2021.



Fire Station 33 Groundbreaking

⁹ Applicable to CFAI Category 6 Physical Resources



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Human Resources and Employee Health & Safety¹⁰

Our most important resource for providing quality emergency services to our community is our dedicated and trained personnel. Duties for human resources, employee health, and safety are provided by the city's human resources office, fire administration, and operations personnel.

Personnel Activities

New Hires

Fire Medic Agee Calaway	March 16
Fire Medic Benjamin Hankins	March 16
Fire Medic Lucas Oblaender	March 16
Fire Medic Brandon Robertson	March 16
Temporary Plans Reviewer Dennis McNaughton	March 17
Temporary Fire Investigator Dave Whitacre	June 15
Fire Medic Jared Cheifetz	November 16

Promotions

Fire Medic Amanda Fleig to Master Fire Medic	January 13
Master Fire Medic Robert Stout to Lieutenant	January 27
Fire Medic Tyler McLaurin to Master Fire Medic	April 4
Building Inspector John Freeman to Combination Inspector	April 4
Fire Medic Louis Glazer to Master Fire Medic	May 4
Lieutenant John Jeniec to Captain	June 29
Master Technician Bill Murry to Lieutenant	July 13
Master Firefighter Chris Cubbage to Master Technician	July 13
Fire Medic Mark Hinckley to Master Fire Medic	October 5
Master Fire Medic Chris Myer to Lieutenant	November 16
Master Fire Medic David Arrington to Lieutenant	December 28
Master Technician Walter English to Lieutenant	December 28

Retirements

Emergency Management Specialist Ken Rudnicki	July 3, 2006 to February 1
Lieutenant Bruce Ruggeri	February 12, 1990 to February 1
Property Maintenance Inspector Gene Lynch	March 20, 1995 to June 1
Senior Inspector Steve Higginbotham	October 4, 1999 to July 1

Resignations

Fire Medic Katherine Schmidt	June 5, 2017 to April 19
Captain Allen Nicholson	September 30, 2002 to July 1

¹⁰ Applicable to CFAI Category 7 Human Resources



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Accomplishments

- Lieutenant (then Master Fire Medic) Chris Myer received the Regional Award for Outstanding Contribution for Health and Safety from the Northern Virginia EMS Council in August.
- Captain Brian Orndoff received the Regional Award for Outstanding EMS Leadership from the Northern Virginia EMS Council in August.
- Master Firefighter Josh McCuin received the Regional Award for Outstanding Contribution to EMS Preparedness and Response from the Northern Virginia EMS Council in August.
- Several members completed the advanced life support internship program.
- Several members completed the swift water boat operator program.
- Partnered with the International Association of Fire Chiefs (IAFC) to support the Saudi Aramco Fire Inspector Fellowship program hosting two members.
- Hosted the CFAI Quality Improvement Through Accreditation course at Old Town Hall with Lieutenant Kurt Craven and Master Fire Medic Mike Jenkins attending.

Health & Safety Accomplishments

- All operational employees provided annual NFPA 1582 medical physicals.
- Safety committee reviewed 11 vehicle accidents and 25 workplace injuries resulting in 22 lost work-days.
- As noted in the physical resources section, implemented several cancer prevention initiatives for PPE specifications and maintenance.
- Implemented numerous infection control measures and policies to protect employees and employee contacts from the spread of COVID-19. Six members contracted the virus from off-duty exposures. Thirty-five members tested from possible exposures or virus-like symptoms.

Recruitment, Testing, and Promotional Processes

- Administered three recruitment processes to establish an eligibility list for fire medics.
 - Received 55 fire medic applications.
 - Tested 26 fire medic applicants.
 - 18 fire medic candidates passed the physical and written examinations.
 - 5 fire medic candidates hired.
- Social media advertising for two of the recruitment processes resulted in a reach of 17,501 people with:
 - 1,625 engagements.
 - 887 post reactions
 - 497 post shares.
 - 249 actual link clicks.
- Developed and administered the captain and lieutenant eligibility lists in October.

Significant Personnel Accomplishments

- Chief Andrew Vita completed the IAFC Fire Service Executive Development Program.
- Fire Medic Julia Bourguignon accepted into medical school, expected resignation date in mid-year 2021.
- Five personnel enrolled in the George Mason University certified public manager program.



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Fairfax Volunteer Fire Department, Inc.

The city continues to enjoy a great partnership with the Fairfax Volunteer Fire Department (FVFD). The FVFD continued to contribute to the primary goals of the organization along with supporting administrative tasks, community risk reduction, and public outreach activities.

Note: Many programs and activities for the FVFD were suspended during the year due to COVID-19.



Volunteer and 2020 Employee of the Year Joe McDonald assisting fire administration.